

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E86454

Employer : KPFF Consulting Engineers

Worksite :

Street : 1601 5th Ave Suite 1600

Jurisdiction : City of Seattle

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 86%

Survey Date : 10/27/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 90.7%

Drive Alone Rate : 9.3%

One-Way VMT per employee : 1.4

Average One-Way distance home to work : 12.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 274

Surveys Distributed : 274

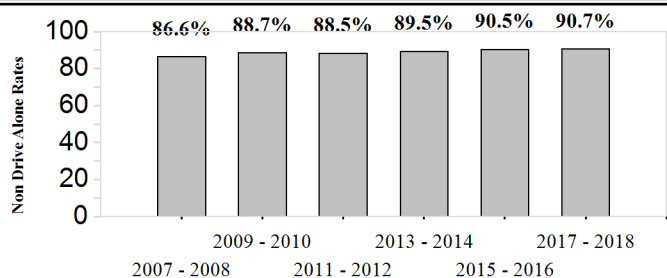
Surveys Returned : 235

Surveys Returned by CTR Affected* Employees : 220

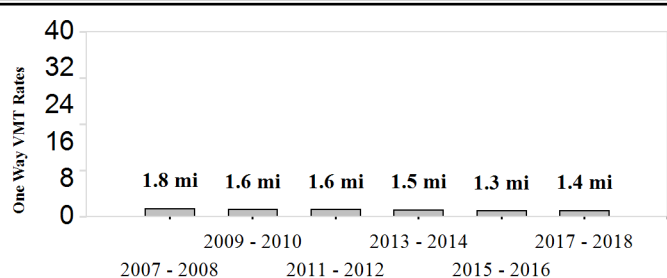
Total Estimated CTR Affected Employees at Worksite : 257

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

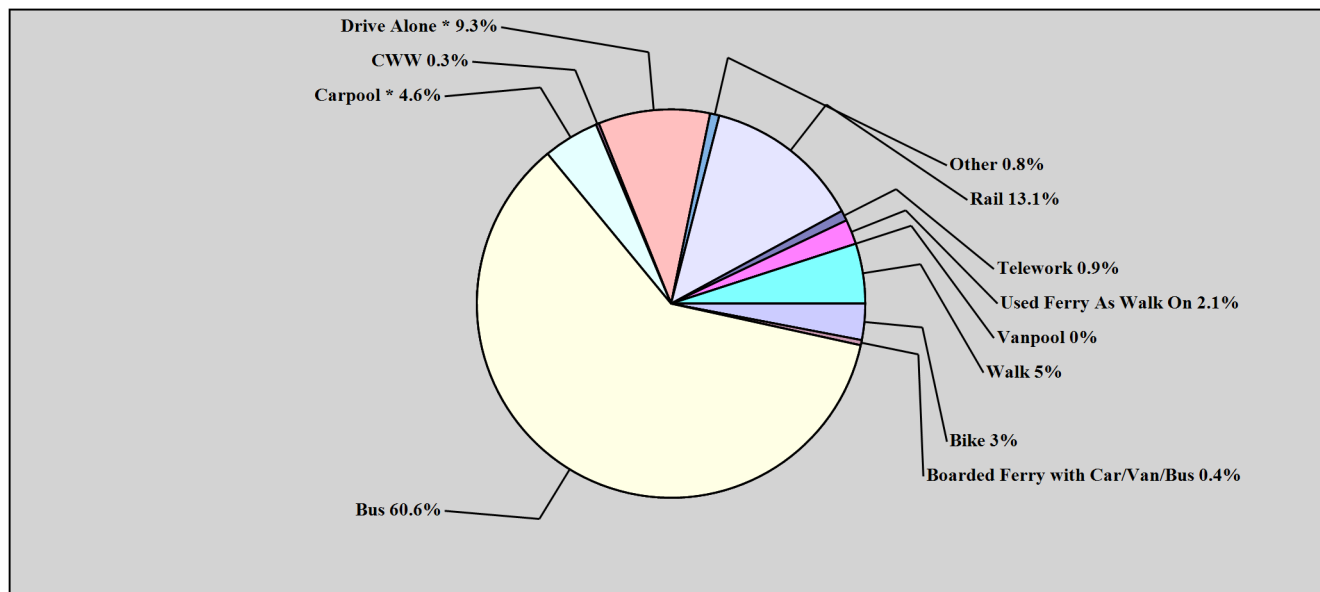
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	86.6%	86.5%	66	81	2.6	1.8	1.8
2009 - 2010	88.7%	88.9%	66	75	2.4	1.6	1.6
2011 - 2012	88.5%	89.9%	57	84	2.7	1.6	1.4
2013 - 2014	89.5%	89.8%	54	76	2.5	1.5	1.5
2015 - 2016	90.5%	90.8%	53	68	2.2	1.3	1.3
2017 - 2018	90.7%	91.2%	72	84	2.7	1.4	1.4
Target	80.0%				Target:	N/A	
% Point Change Target:	-6.6				% Change Target:	N/A	
% Point Change from Baseline:	4.1				% Change from Baseline:	-22.2%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



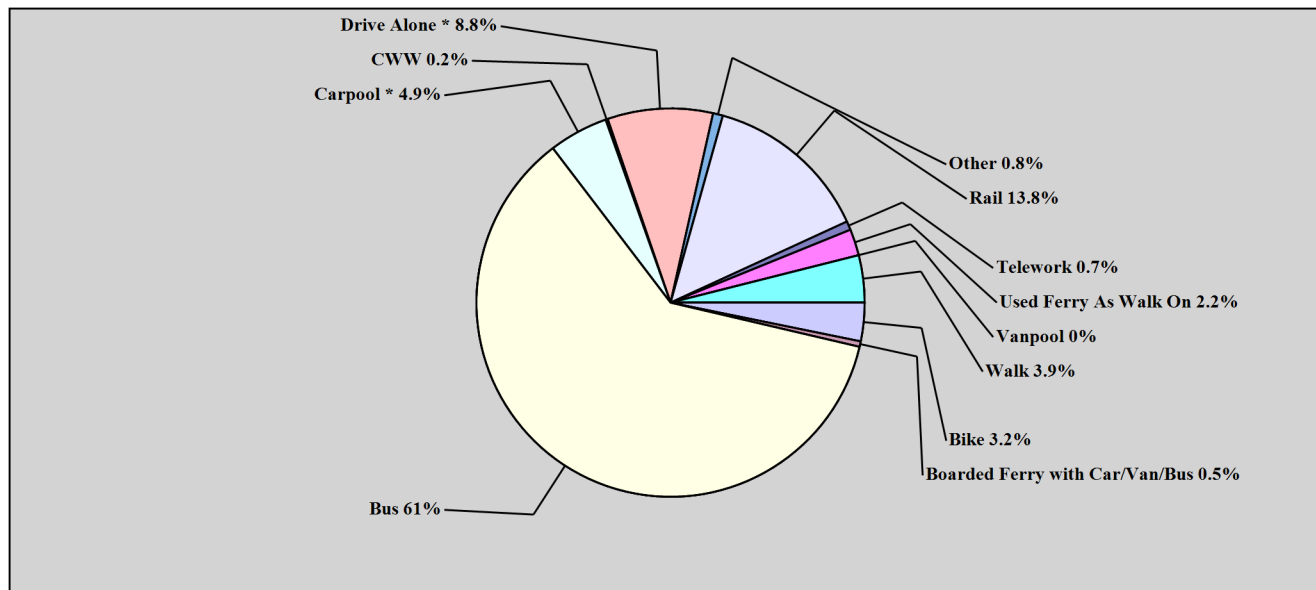
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	108	9.3%	9.5%	44	18.7%	21.6%
Carpool *	54	4.6%	4.0%	17	7.2%	6.3%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	704	60.6%	62.6%	160	68.1%	70.0%
Rail	152	13.1%	9.0%	37	15.7%	11.6%
Bike	35	3.0%	5.2%	12	5.1%	6.8%
Walk	58	5.0%	6.6%	14	6.0%	7.9%
Telework	10	0.9%	1.0%	8	3.4%	2.1%
CWW	3	0.3%	0.1%	3	1.3%	0.5%
Boarded Ferry with Car/Van/Bus	5	0.4%	0.0%	1	0.4%	0.0%
Used Ferry As Walk On	24	2.1%	0.9%	5	2.1%	1.1%
Other	9	0.8%	1.1%	4	1.7%	1.6%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	96	8.8%	9.2%	41	18.6%	20.7%
Carpool *	54	4.9%	4.1%	17	7.7%	6.5%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	667	61.0%	62.8%	151	68.6%	70.7%
Rail	151	13.8%	9.2%	36	16.4%	12.0%
Bike	35	3.2%	5.3%	12	5.5%	7.1%
Walk	43	3.9%	6.2%	11	5.0%	7.6%
Telework	8	0.7%	1.0%	7	3.2%	1.6%
CWW	2	0.2%	0.1%	2	0.9%	0.5%
Boarded Ferry with Car/Van/Bus	5	0.5%	0.0%	1	0.5%	0.0%
Used Ferry As Walk On	24	2.2%	1.0%	5	2.3%	1.1%
Other	9	0.8%	1.2%	4	1.8%	1.6%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	12	5%	235	100%
1 Days	4	2%	223	95%
2 Days	5	2%	219	93%
3 Days	6	3%	214	91%
4 Days	31	13%	208	89%
5 Days	168	71%	177	75%
6 or More Days	9	4%	9	4%

Count by Occupancy of Carpools and Vanpools

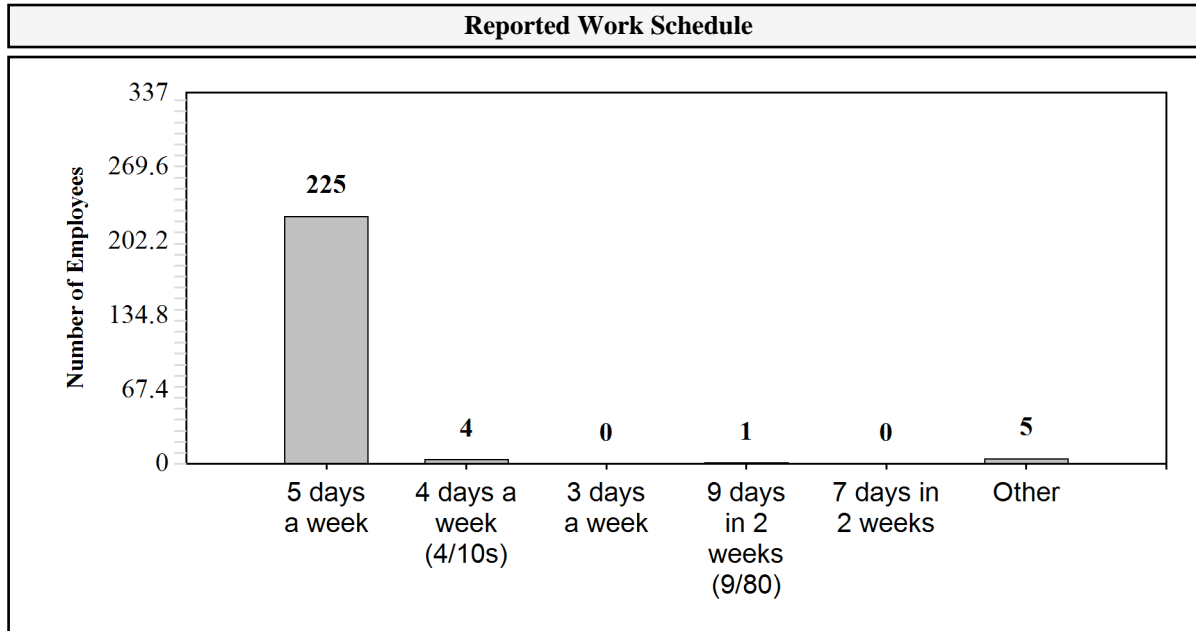
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	49
3	Carpool	0
4	Carpool	5
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

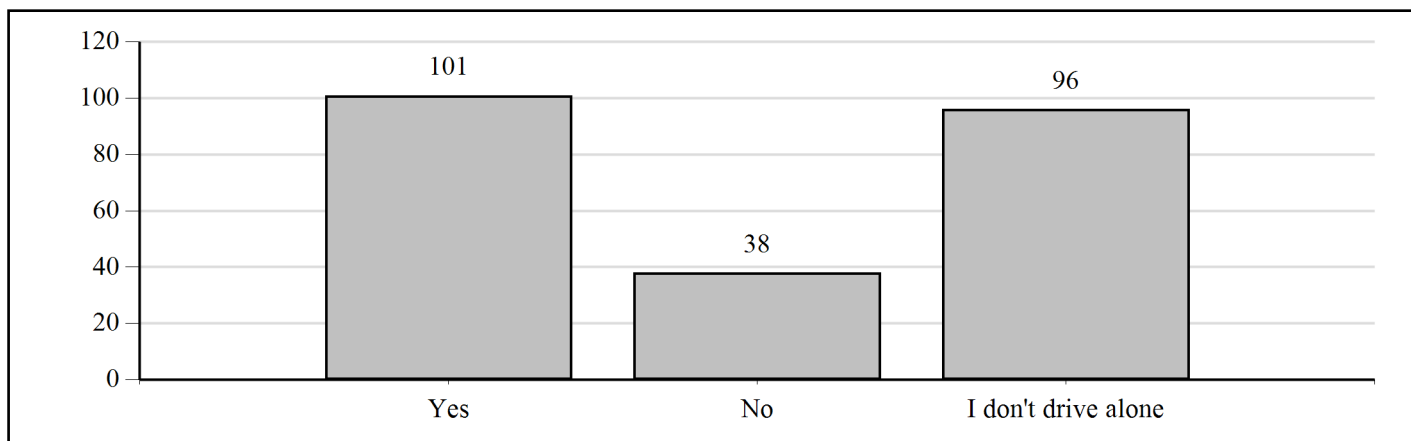
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	225	95.7%
4 days a week (4/10s)	4	1.7%
3 days a week	0	0%
9 days in 2 weeks (9/80)	1	0.4%
7 days in 2 weeks	0	0%
Other	5	2.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	163	69.4%
Occasionally, on an as-needed basis	59	25.1%
1-2 days/month	8	3.4%
1 day/week	3	1.3%
2 days/week	1	0.4%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	159	25.6%
Cost of parking or lack of parking	140	22.5%
To save money	101	16.3%
Environmental and community benefits	63	10.1%
Personal health or well-being	51	8.2%
To save time using the HOV lane	34	5.5%
Other	26	4.2%
Driving myself is not an option	21	3.4%
Financial incentives for carpooling, bicycling or walking.	12	1.9%
Emergency ride home is provided	8	1.3%
I have the option of teleworking	6	1.0%
I receive a financial incentive for giving up my parking space	0	0.0%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	123	25.5%
Family care or similar obligations	98	20.3%
I like the convenience of having my car	93	19.3%
Other	81	16.8%
My job requires me to use my car for work	47	9.8%
Bicycling or walking isn't safe	19	3.9%
My commute distance is too short	10	2.1%
I need more information on alternative modes	7	1.5%
There isn't any secure or covered bicycle parking	4	0.8%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	16	6.81%	5	2	0	0	62	4	5	1	0	0	0	0	1
98107	16	6.81%	6	0	0	0	69	0	8	0	0	0	0	0	0
98115	13	5.53%	9	1	0	0	40	10	5	0	0	0	0	0	1
98117	9	3.83%	6	0	0	0	33	0	5	0	0	0	0	0	0
98133	9	3.83%	2	0	0	0	43	0	0	0	0	0	0	0	0
98102	7	2.98%	0	0	0	0	12	5	4	10	2	0	0	0	0
98155	7	2.98%	7	0	0	0	31	0	0	0	0	0	0	0	2
98109	6	2.55%	0	0	0	0	26	0	0	7	0	0	0	0	0
98122	6	2.55%	1	0	0	0	9	3	0	17	0	0	0	0	0
98125	6	2.55%	1	0	0	0	23	0	0	0	1	0	5	0	0
98208	6	2.55%	4	1	0	0	24	0	0	0	0	1	0	0	0
98026	5	2.13%	10	5	0	0	10	0	0	0	0	0	0	0	0
98027	5	2.13%	0	0	0	0	21	0	0	0	0	0	0	0	0
98036	5	2.13%	0	0	0	0	23	0	0	0	0	0	0	0	0
98105	5	2.13%	0	0	0	0	24	0	0	0	0	0	0	0	0
98118	5	2.13%	0	5	0	0	4	16	0	0	0	0	0	0	0
98136	5	2.13%	0	0	0	0	24	0	0	0	0	0	0	0	0
98028	4	1.70%	2	0	0	0	15	1	0	0	0	0	0	0	0
98119	4	1.70%	1	2	0	0	10	0	1	3	1	0	0	0	0
98144	4	1.70%	2	0	0	0	9	5	4	0	1	0	0	0	0
98146	4	1.70%	0	0	0	5	5	10	0	0	0	0	0	0	0
98199	4	1.70%	4	0	0	0	11	0	0	0	1	0	0	0	5
98006	3	1.28%	0	0	0	0	15	0	0	0	0	0	0	0	0
98021	3	1.28%	0	0	0	0	15	0	0	0	0	0	0	0	0
98033	3	1.28%	2	10	0	0	0	0	0	0	2	1	0	0	0
98037	3	1.28%	5	0	0	0	10	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	3	1.28%	0	4	0	0	0	10	0	0	1	0	0	0	0
98101	3	1.28%	0	0	0	0	0	0	0	14	0	0	0	0	0
98108	3	1.28%	5	0	0	0	0	10	0	0	0	0	0	0	0
98110	3	1.28%	0	0	0	0	0	0	0	0	0	0	0	15	0
98126	3	1.28%	5	5	0	0	4	0	1	0	0	0	0	0	0
98198	3	1.28%	1	0	0	0	0	15	0	0	0	0	0	0	0
98012	2	0.85%	0	0	0	0	10	0	0	0	0	0	0	0	0
98029	2	0.85%	2	0	0	0	9	0	0	0	0	0	0	0	0
98030	2	0.85%	0	0	0	5	0	5	0	0	0	0	0	0	0
98031	2	0.85%	0	0	0	0	0	10	0	0	0	0	0	0	0
98055	2	0.85%	2	0	0	0	5	5	0	0	0	0	0	0	0
98057	2	0.85%	0	0	0	0	7	1	2	0	0	0	0	0	0
98058	2	0.85%	0	2	0	0	1	7	0	0	0	0	0	0	0
98074	2	0.85%	0	0	0	0	9	0	0	0	0	0	0	0	0
98112	2	0.85%	0	0	0	0	5	4	0	0	0	0	0	0	0
98116	2	0.85%	0	0	0	0	10	0	0	0	0	0	0	0	0
98166	2	0.85%	4	0	0	0	1	0	0	0	0	0	0	0	0
98188	2	0.85%	1	2	0	0	0	7	0	0	0	0	0	0	0
98290	2	0.85%	0	0	0	0	10	0	0	0	0	0	0	0	0
98422	2	0.85%	0	5	0	0	0	4	0	0	1	0	0	0	0
98001	1	0.43%	1	0	0	0	4	0	0	0	0	0	0	0	0
98004	1	0.43%	0	0	0	0	4	0	0	0	0	0	0	0	0
98005	1	0.43%	0	5	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.43%	0	0	0	0	4	0	0	0	0	0	0	0	0
98011	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98014	1	0.43%	0	0	0	0	3	0	0	0	0	0	0	0	0
98020	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98040	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98043	1	0.43%	4	0	0	1	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	1	0.43%	0	0	0	0	4	0	0	0	0	0	0	0	0
98053	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.43%	0	5	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98072	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98075	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98104	1	0.43%	0	0	0	0	1	0	0	6	0	0	0	0	0
98106	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98148	1	0.43%	1	0	0	0	0	4	0	0	0	0	0	0	0
98178	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
98253	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
98275	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98310	1	0.43%	0	0	0	0	0	0	0	0	0	1	0	4	0
98332	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98370	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	5	0
98371	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
98499	1	0.43%	0	0	0	0	0	1	0	0	0	0	0	0	0